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STATISTICS RELATING TO THE GRAPEFRUIT INDUSTRY

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STATISTICS RELATING TO THE GRAPEFRUIT INDUSTRY

Summary

World production: The grapefruit is the newest member of the citrus family to be planted on a large scale throughout the world and, consequently, practically every producing country has a large acreage of young or non-bearing groves. World production at the present time is about 25,000,000 boxes, compared with an average production, in the 5-year period 1926-27 to 1930-31, of 15,400,000 boxes. At the present rate of increase, world production should be around 35,000,000 boxes by the 1938-39 season and may possibly reach 50,000,000 by the 1943-44 season. The United States is the outstanding producer. In the 5-year period, 1926-27 to 1930-31, the United States supplied 81.5% of the total world production and Puerto Rico 7.1%, the balance of 11.4% was supplied by all other countries. In the 5-year period, 1930-31 to 1934-35, the United States supplied 83.2% of the world production of 25,500,000 boxes, Puerto Rico 3.7% and all other countries 13.1%. Outside of the United States and Puerto Rico, the chief producing countries are Palestine, South Africa, Brazil, Cuba and Jamaica. Production in these countries, particularly Palestine, is increasing rapidly. Additional information on world grapefruit production is given on page 5.

World trade: Although the United States continues to be the outstanding grapefruit producing country exports have not kept pace with production. In the 5-year period, 1926-27 to 1930-31, the United States and Puerto Rico, together supplied about 76.6% of the world exports of around 2,050,000 boxes whereas in the 5-year period, 1930-31 to 1934-35, exports from the United States and Puerto Rico constituted only 58.3% of the world exports of about 2,900,000 boxes. This decline in the share of the fresh grapefruit trade held by the United States and Puerto Rico at the earlier date is explained by the rapid increase in exports from such countries as Palestine, South Africa and Brazil. It is difficult to forecast with any degree of certainty the upward trend in world grapefruit exports, since exports will depend on consumer reaction. The increase between 1929-30 and 1934-35 season was about 5% a year. If this rate of increase continues for another decade exports will reach around 6,000,000 boxes a year. This estimate takes into consideration the fact that the rate of increase in exports has accelerated in the last three years. World exports of grapefruit are shown in the table on page 2.

United States production: Up until the last ten years or so the world production of grapefruit was more or less synonymous with the American production since grapefruit were not grown commercially on a large scale outside of the United States. The only historical information on grapefruit production for the period prior to 1920 is the United States production. Production of grapefruit by states is shown in the table on page 3. Florida continues to be the dominant source of supply in the United States but production is increasing rapidly in Texas, California and Arizona and the combined production of these states may soon exceed that of Florida.

Prices of Florida grapefruit: Grapefruit prices in the United States have ruled at rather low levels since the 1929-30 season. Preliminary reports on the 1934-35 season indicate that Florida growers received an average farm price for the season of \$0.91 compared with \$1.17 in 1933-34 and an all time low of \$0.81 in 1932-33. At the start of the grapefruit season in September, grapefruit prices are generally at their highest point. Month by month prices decline and reach a low point usually between January and March. Prices of Florida grapefruit generally increase from then on until the end of the season in June, however, in some seasons, such as 1934-35, prices for Florida grapefruit recover only slightly or not at all. Competition from California and Puerto Rican grapefruit and the condition and quality of the Florida grapefruit late in the season are probably the chief factors which determine the price for Florida grapefruit at the end of the season. The farm and market for boxes of Florida grapefruit is shown in the table on page 4.

Carlot shipments in the United States: The railroad and boat shipments of grapefruit by states of origin in terms of carlots, from the 1921 season to date, are shown in the table on page 9. As would be expected Florida supplies the bulk of the car loadings. A sharp increase is shown in the shipments from Texas with smaller increase in California and Arizona. Total shipments in the 1934-35 season from all states amounted to 24,293 cars which is the largest amount since 1931-32. Carlot shipments in recent years are not entirely comparable with the figures given prior to about 1931-32 since they do not include all of the movement by truck which has been increasing rapidly in the last few years. Seasonal movement of grapefruit in the United States is brought out in the table on page 9 which shows car-load and boat shipments in terms of cars by months. The season starts in September and ends in August for all states except California where the season starts in November and runs through October. The total movement of grapefruit is heavy from October to May. Peak months are usually January and March. Shipments from June through August are made up mostly of California and Arizona grapefruit. Unloads of grapefruit in the most important markets of the United States are shown in the tables on pages 10 to 13. In the 1934-35 season New York City took 6,838 cars, Chicago 2,035 cars, Philadelphia 1,531 cars and Boston 1,131 cars. All other cities took less than 1,000 cars. Of the remaining cities the most important were Detroit, Cleveland, St. Louis, Cincinnati, Pittsburgh, Baltimore, Kansas City, Minneapolis, Buffalo, Seattle and Milwaukee. The balance of the 66 cities listed took less than 300 cars. The car-load and boat-unloads of grapefruit by months and points of origin at New York City and Chicago are shown in the tables on pages 14 and 15. It will be noted in the case of New York City that a considerable quantity of the grapefruit reaching that market comes from Puerto Rico and Cuba.

United States exports: Exports of grapefruit from the United States amounted to 1,021,582 boxes in the 1934-35 season (September to August) or somewhat more than in either of the previous two seasons. Record shipments were made in the 1930-31 season when 1,360,650 boxes were exported. Of the 1,021,582 boxes exported in 1934-35, 461,342 went to the United Kingdom, 463,241 to Canada, 60,487 to Continental European countries and 36,512 boxes to all other countries. Although grapefruit are exported from the United States to a long list of countries, the United Kingdom and Canada are by far the most important markets. Exports to countries on the continent of Europe are still small but have shown a rather rapid rate of

increase in the last decade. The most important of those countries are France and the Netherlands. Fresh grapefruit are exported from the United States the year around. The seasonal movement in case of exports is not as pronounced as the seasonal movement of car-load shipments. This situation is explained by the relatively heavy exports of grapefruit grown in California during the summer months. The months of heaviest exports are usually March to May. Exports of fresh grapefruit from the United States are shown on the pages 16 and 17. Exports by Customs Districts which are given in the table on page 18 disclose that Los Angeles was the most important port of export and has held this position since 1932-33. Prior to this time New York City was the chief port of export. Considerable quantities of grapefruit are exported by water from Florida. Shipments to Canada largely go by rail through Michigan and North Dakota.

United States imports: Moderate quantities of grapefruit are imported from countries in the West Indies particularly Cuba. During the last ten years the amount has generally been slightly over 100,000 boxes a year. In the 1934-35 season, (July to June) total imports amounted to 107,567 of which all but 17 boxes were from Cuba. The only other foreign country which has supplied any appreciable amount of grapefruit to the American market is Jamaica. Imports from this source averaged a little over 1,000 boxes a year during the 5-year period, 1926-27 to 1930-31. No imports have been received from Jamaica in the last three years. Grapefruit imports mostly land in New York City with smaller quantities arriving at Key West and New Orleans. Details of grapefruit imports are shown in the table on page 19. Of more importance than the imports of grapefruit are the shipments of fresh grapefruit from Puerto Rico to the United States. Shipments of fresh grapefruit from this source averaged 641,000 boxes in the 5-year period, 1926-27 to 1930-31, but since that time have been considerably smaller, totaling only 215,000 boxes in the 1934-35 season (July to June). The Puerto Rican production has been adversely affected by hurricane damage and, since the depression, by low prices.

Canned grapefruit: Canned grapefruit has rapidly gained a place for itself in the export field and is almost as important as the exports of fresh grapefruit. Exports of canned grapefruit consist almost entirely of hearts. Grapefruit were canned in the United States for a number of years before exports gained any prominence and it has only been in the last few years that the export movement has been significant. Canning of grapefruit continues to largely center in Florida. The production figures disclose that the equivalent of 10,000 cases of 24 No. 2 cans were packed in the 1921-22 season. The output climbed very rapidly reaching 700,000 cases in the 1926-27 season, jumped to 3,137,000 cases of hearts and juice in 1930-31 but dropped to 1,155,000 in the next year due to a carry-over from the heavy 1930-31 pack. The 1934-35 pack was an all time record of 5,825,000 cases of hearts and juice. This total was divided about 61.6% to hearts and 38.4% to juice. Grapefruit are canned to some extent in other states but production figures are not available. Shipments of canned grapefruit hearts and juice from Puerto Rico indicate a production of over 200,000 cases a year. Shipments of canned grapefruit from Puerto Rico to the United States amounted to 224,000 cases in 1934-35. Production of canned grapefruit hearts and juice in Florida and Puerto Rico are given in the tables on page 20 and 21. Information on canned grapefruit exports are only

available for the four seasons 1931-32 to 1934-35. The increase in exports during these years has been striking. In 1931-32, 208,000 cases moved out of the United States compared with 562,000 in 1932-33, 767,000 in 1933-34 and 883,000 in 1934-35. Practically all of the exports go to the United Kingdom. Shipments to other countries show considerable increase but the amounts are small. Outside of the United Kingdom the chief outlets are Canada, Irish Free State, British India, the Philippines and the Netherlands. Canned grapefruit are exported in all months of the year but are decidedly heavy in the four months December to March. During these months, exports of canned grapefruit seem to compete rather strongly with the exports of fresh grapefruit in the export markets. Details of the canned grapefruit exports from the United States are given in the table on page 22. Exports of canned grapefruit are made for the most part directly from ports in Florida. Exports from Customs Districts are given in the table on page 23.

Imports of grapefruit into the United Kingdom and Canada: The principal grapefruit markets of the world are the United Kingdom and Canada. Details of the imports into these two countries by months are given in the tables on page 24 and 25. In the 1934-35 season (October to September) the United Kingdom imported 1,815,000 boxes of fresh grapefruit compared with 847,000 boxes in the 1929-30 season, the first season for which figures are available by countries. There has been a decline in the imports of grapefruit from the United States due chiefly to the rapid increase in imports from Palestine, South Africa and other British countries. Of the 1,815,000 boxes imported in 1934-35, 850,000 came from Palestine and the British West Indies, 550,000 from the United States, 243,000 from South Africa and 172,000 from all other countries. Practically all of the grapefruit imported into Canada come from the United States with a small quantity arriving from Jamaica and other British countries. Grapefruit imported into Canada in the 1934-35 season (September to August) amounted to around 526,000 boxes, the largest quantity on record. Imports of grapefruit are received the year around in the United Kingdom and Canada. There is no marked seasonality in shipments but the peak month is usually March and the low points September and October.

GRAPEFRUIT: Production in principal countries, 1929-30 to 1935-36

Country	:Average:															
	:1926-27:		:1929-30:		:1930-31:		:1931-32:		:1932-33:		:1933-34:		:1934-35:		:1935-36:	
	:1930-31:		:1930-31:		:1930-31:		:1930-31:		:1930-31:		:1930-31:		:1930-31:		:1930-31:	
	: boxes	: boxes	: boxes	: boxes	: boxes	: boxes	: boxes	: boxes	: boxes	: boxes	: boxes					
United States	12,556	11,170	18,934	15,147	15,149	14,243	21,357	17,988								
Puerto Rico <u>2/</u> ...	1,100	1,570	880	950	520	300	650	300								
Cuba <u>2/</u>	245	260	285	350	235	150	250	200								
Jamaica <u>2/</u>	100	110	90	125	175	200	83	200								
Philippines	<u>3/</u>	<u>3/</u>	110	110	100	<u>1/100</u>	<u>1/</u>	100								
Union of																
South Africa <u>4/</u> :	112	140	180	200	325	375	<u>2/</u>	400								
Palestine <u>2/</u>	22	25	70	175	300	600	900	1,500								
Trinidad <u>2/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	15	15	20	80	80								
British Honduras <u>2/</u>	<u>3/</u>		5	6	<u>3/</u>	4	16	19								
Honduras <u>2/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	1	2	3	5								
Spain <u>4/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	2	6	15	20	30								
Australia <u>2/</u>	<u>5/</u>	17	15	20	<u>6/</u>	<u>22</u>	<u>6/</u>	<u>25</u>	<u>6/</u>	<u>30</u>	<u>6/</u>	<u>35</u>	<u>6/</u>	<u>45</u>		
Southern																
Rhodesia <u>2/</u> ...	<u>4/</u>	5	4	5	5	5	5	5								6
Mozambique <u>2/</u> ...	<u>5/</u>	25	20	35	45	65	35	50								60
Argentina <u>2/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	3	5	7	40	50								
Brazil <u>2/</u>	<u>3/</u>	<u>3/</u>		3	20	10	40	100								150
Chile <u>2/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	1	2	4	5	7								7
Egypt <u>2/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	1	2	3	5	5								7
Dominico(British :																
West Indies) <u>2/</u> ..	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	3	6	8	<u>6/</u>	<u>10</u>							10
Mexico	<u>6/</u>	50	49	<u>6/</u>	50	<u>6/</u>	50	<u>6/</u>	55	<u>6/</u>	55	<u>6/</u>	55	<u>6/</u>	60	
Others <u>7/</u>	1,168	1,132	1,132	1,176	1,190	1,292	1,333	1,382								
Approximate																
world total	15,400	14,500	21,800	18,400	13,200	18,000	25,500	23,100								

Compiled by the Foreign Agricultural Service from various sources.

1/ Preliminary estimates.

2/ Estimated from exports; something is added in each case to approximate the actual production.

3/ Not available; generally little or no production.

4/ Four-year average.

5/ Three-year average.

6/ Rough estimate.

7/ Many countries have planted grapefruit trees in the last decade with the result that production is growing rapidly. An attempt has been made to approximate the production in countries not listed. These estimates are carried out to hundreds so that the total will add up in round numbers. The figures include an estimate of 1,000,000 boxes for China.

GRAPEFRUIT: Exports from principal producing countries,
1929-30 to 1935-36

Country	Average:											
	1926-27		1929-30		1930-31		1931-32		1932-33	1933-34	1934-35	1935-36
	1930-31											1/
	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	
	: boxes	: boxes	: boxes	: boxes	: boxes	: boxes	: boxes	: boxes	: boxes	: boxes	: boxes	
United States ...:	899:	809:	1,361:	1,120:	905:	1,000:	1,022:	1,000				
Puerto Rico 2/ ...:	672:	1,037:	521:	626:	284:	470:	216:	400				
Cuba	198:	210:	245:	310:	200:	90:	187:	100				
Jamaica	89:	97:	78:	110:	153:	189:	76:	100				
Union of South Africa	3/ 84:	104:	141:	156:	260:	300:	5/300:	350				
Palestine	17:	17:	57:	150:	262:	408:	792:	1,250				
Trinidad	4/	4/	4/	10:	10:	19:	49:	60				
British Honduras :	4/	3:	4:	4/	2:	15:	16:	16				
Spain	4/	4/	4/	1:	4:	12:	5/ 10:	15				
Paraguay	4/	4/	4/	4/	1:	1:	1/ 1:	2				
Southern Rhodesia ..	4/	4/	1:	1:	1:	3:	5/ 2:	3				
Mozambique	6/ 15:	9:	26:	36:	55:	5/ 24:	5/ 40:	50				
Argentina	4/	4/	4/	2:	4/	5:	5/ 20:	30				
Brazil	4/	4/	2:	14:	6:	25:	80:	100				
Egypt	4/	4/	4/	1:	2:	4:	5/ 4:	6				
Dominica (British West Indies) :	4/	4/	4/	4/	4:	6:	1/ 5:	7				
Honduras	4/	4/	4/	4/	4/	4/	1:	2				
Australia	4/	4/	4/	4/	4/	4/	2:	4				
Chile	4/	4/	4/	4/	4/	4/	4/	2:				
Others 7/	6/ 76:	64:	64:	63:	51:	129:	75:	102				
Total	2,050:	2,350:	2,500:	2,600:	2,200:	2,700:	2,900:	3,600				

Compiled by the Foreign Agricultural Service from various sources.

1/ Rough estimates.

2/ Includes shipments to the United States.

3/ Four-year average.

4/ Not available.

5/ Preliminary.

6/ Three-year average.

7/ Includes rough export estimates for countries not listed. Practically every orange growing country in the world produces some grapefruit now. China for instance produces considerable amounts of citrus quite similar to grapefruit. The estimates are carried out in order to make the columns add to round numbers.

UNITED STATES: Total grapefruit production by States, census
years 1889, 1899, 1909 and yearly 1919 to 1935

Crop year	Florida	Texas	California	Arizona	Total
	1,000 <u>boxes</u>	1,000 <u>boxes</u>	1,000 <u>boxes</u>	1,000 <u>boxes</u>	1,000 <u>boxes</u>
1889.....	10	---	---	---	10
1899.....	12	---	18	1	31
1909.....	<u>1,062</u>	<u>1/</u>	<u>123</u>	<u>1</u>	<u>1,186</u>
1919.....	5,898	3	363	29	6,293
1920.....	6,142	---	395	34	6,571
1921.....	6,644	---	360	35	7,039
1922.....	7,766	35	394	60	8,255
1923.....	8,936	65	363	95	9,459
Average...	7,077	21	375	51	7,523
1924.....	8,760	211	387	105	9,463
1925.....	8,316	200	600	150	9,266
1926.....	8,693	361	672	120	9,846
1927.....	8,158	524	720	176	9,578
1928.....	11,314	753	972	211	13,250
Average...	9,448	410	670	152	10,281
1929.....	8,274	1,530	1,000	365	11,169
1930.....	16,109	1,135	1,290	400	18,934
1931.....	10,786	2,480	1,431	450	15,147
1932.....	11,800	1,385	1,350	614	15,149
1933.....	10,700	1,130	1,713	700	14,243
Average...	11,534	1,532	1,357	506	14,929
1934.....	15,200	2,750	2,167	1,240	21,357
1935 2/...	<u>10,000</u>	<u>3,080</u>	<u>2,348</u>	<u>2,160</u>	<u>17,588</u>

Division of Crop and Livestock Estimates, Bureau of Agricultural Economics.

1/ 500 boxes or less

2/ Indicated October 1, 1935.

UNITED STATES: Farm and market price per box of grapefruit, September 1931 - October 1935, annual 1919-20 to 1934-35

Market year	Florida grapefruit		Month and Year	Florida grapefruit	
	Farm	New York		Farm	New York
	Dollars	Dollars	1932-33	Dollars	Dollars
1919-20	2.06	1/	September	1.95	3.61
1920-21	2.17	1/	October	1.95	3.65
1921-22	2.11	1/	November	1.50	3.01
1922-23	1.84	1/	December	1.15	2.28
1923-24	1.27	1/	January	.95	2.24
Average	1.39	1/	February	.80	2.04
1924-25	1.61	3.38	March	.70	1.83
1925-26	2.75	4.38	April	.70	1.72
1926-27	1.94	3.66	May	.55	1.71
1927-28	2.88	4.93	June	.55	1.54
1928-29	1.65	3.70	July	.40	1.55
Average	2.17	4.01	August	.70	1.92
1929-30	2.44	4.42	Av. 1932-33	.81	2.04
1930-31	1.20	3.69	1933-34		
1931-32	1.19	2.53	September	1.00	2.46
1932-33	.81	2.04	October	1.15	2.62
1933-34	1.17	2.41	November	1.05	2.24
Average	1.36	2.81	December	.95	2.33
1934-35 2/	.91	2.04	January	.95	2.20
1935-36			February	.95	2.23
1936-37			March	1.15	2.46
1937-38			April	1.25	2.60
1938-39			May	1.45	2.49
Average			June	1.60	3.05
			July	1.60	4.32
Month & Year			August	1.60	3.23
			Av. 1933-34	1.17	2.41
1931-32			1934-35		
September	2.55	4.02	September	1.45	3.09
October	1.55	3.09	October	1.05	2.15
November	1.10	2.60	November	.85	2.11
December	.95	2.26	December	.70	1.94
January	.85	2.14	January	.75	1.99
February	.75	1.97	February	.76	2.07
March	.95	2.23	March	.79	1.92
April	1.35	2.76	April	1.20	2.35
May	1.80	3.44	May	.90	1.97
June	2.10	3.76	June	.85	1.86
July	1.60	3.12	July	.75	1.89
August	1.75	-	August	.45	1.75
Av. 1931-32:	1.19	2.53	Av. 1934-35: 2/	.91	2.04

Compiled by the Division of Statistical and Historical Research.

1/ Not available. 2/ Preliminary.

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UNITED STATES: Railroad and boat shipments of grapefruit, in terms of carloads, by States of origin, 1920-21 to 1934-35, and the total movement by months, 1927-28 to 1934-35

Market season 1/	Florida	Texas	California	Arizona	Louisiana	Total
	Cars	Cars	Cars	Cars	Cars	Cars
1920-21	11,115	-	451	48	-	11,614
1921-22	12,943	8	462	62	-	13,475
1922-23	16,969	48	567	103	-	17,687
1923-24	19,614	99	446	155	-	20,314
1924-25	20,087	521	431	159	-	21,198
1925-26	14,269	298	558	218	-	15,343
1926-27	17,304	747	593	210	-	18,854
1927-28	14,166	1,036	780	211	-	16,193
1928-29	21,844	1,617	780	272	-	24,513
1929-30	13,955	3,493	1,194	417	1	19,060
1930-31	26,081	2,247	1,220	436	2	29,986
1931-32	17,661	5,329	1,651	296	-	24,937
1932-33	17,329	2,679	1,034	407	-	21,449
1933-34	14,929	1,611	2,201	909	-	19,650
1934-35 2/	17,221	4,266	1,794	1,012	-	24,293
1935-36	:	:	:	:	:	:
1936-37	:	:	:	:	:	:

Month	1927-28	1928-29	1929-30	1930-31	Average:		1931-32	1932-33	1933-34	1934-35
					1926-27	to 1930-31				
					1930-31	2/				
	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
Sept. 3/	200	89	545	1,042	380	189	86	838	640	
Oct. 3/	1,629	2,237	2,625	2,372	1,901	2,637	1,344	1,737	1,983	
Nov. ...	2,349	2,523	2,381	2,816	2,634	2,893	2,270	2,083	2,715	
Dec. ...	1,854	2,567	2,489	2,751	2,327	2,276	2,120	2,149	2,385	
Jan. ...	2,214	3,307	3,494	3,870	3,152	3,828	2,922	2,873	3,154	
Feb. ...	2,145	3,336	2,508	3,988	2,912	3,777	2,484	2,370	2,757	
Mar. ...	2,301	3,576	2,829	4,422	3,227	4,105	2,933	2,714	3,054	
Apr. ...	1,723	3,650	1,581	4,344	2,773	2,783	2,603	2,395	3,225	
May ...	1,163	2,553	216	2,995	1,710	1,506	2,355	1,385	2,284	
June ...	317	404	192	851	413	547	1,402	573	1,263	
July ...	152	190	79	259	147	139	559	270	508	
Aug. ...	74	51	76	115	74	107	297	168	220	
Sept. 4/	23	24	21	73	32	82	38	57	105	
Oct. 4/	40	6	24	88	39	68	36	38	---	
Total ...	16,193	24,513	19,060	29,986	21,721	24,937	21,449	19,650	24,293	

Compiled by the Division of Fruits and Vegetables.

1/ Marketing season as follows: California from Nov. 1 to Oct. 31; all other States from Sept. 1 to Aug. 31.

2/ Preliminary.

3/ California not included, see note 1/.

4/ California only, see note 1/.

UNITED STATES: Car-lot and boat unloads of grapefruit in 66 markets
by States of origin, September 1, 1933 - August 31, 1934

Markets	California		Florida		Texas		Arizona		Puerto Rico	Foreign	Total
	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	1/		
Akron, Ohio	:	:	10:	:	:	:	:	:	:	:	10
Albany, N. Y.	:	1:	40:	:	:	:	:	:	:	:	41
Atlanta, Ga.	:	2:	25:	:	:	:	:	:	1:	1:	28
Baltimore, Md.	:	3:	339:	:	:	:	:	1:	1:	1:	343
Birmingham, Ala.	:	:	35:	:	:	:	:	:	:	:	35
Boston, Mass.	:	34:	782:	1:	:	:	6:	9:	9:	832	
Bridgeport, Conn.	:	1:	46:	:	:	:	:	:	:	47	
Buffalo, N. Y.	:	4:	270:	2:	1:	1:	1:	1:	1:	278	
Chicago, Ill.	:	54:	1,144:	352:	30:	:	:	7:	7:	1,581	
Cincinnati, Ohio	:	5:	376:	:	6:	1:	1:	7:	7:	395	
Cleveland, Ohio	:	13:	426:	44:	3:	:	:	4:	4:	490	
Columbus, Ohio	:	:	124:	:	:	:	:	:	:	124	
Dallas, Texas	:	4:	17:	34:	:	:	:	:	:	55	
Dayton, Ohio	:	:	8:	:	:	:	:	:	:	8	
Denver, Colo.	:	42:	81:	74:	33:	:	:	:	:	230	
Des Moines, Iowa	:	15:	67:	23:	8:	:	:	:	:	113	
Detroit, Mich.	:	16:	33:	64:	26:	:	:	4:	4:	643	
Duluth, Minn.	:	:	20:	6:	3:	:	:	2:	2:	110	
El Paso, Texas	:	5:	2:	21:	:	:	:	:	:	28	
Evansville, Ind.	:	:	40:	1:	:	:	:	:	:	41	
Ft. Worth, Texas	:	1:	13:	20:	2:	:	:	:	:	36	
Grand Rapids, Mich.	:	2:	98:	9:	1:	:	:	:	:	110	
Hartford, Conn.	:	2:	113:	:	1:	:	:	2:	2:	118	
Houston, Texas	:	6:	3:	12:	1:	:	:	:	:	22	
Indianapolis, Ind.	:	5:	122:	49:	6:	:	:	1:	1:	182	
Jacksonville, Fla.	:	:	6:	:	:	:	:	:	:	6	
Kansas City, Mo.	:	21:	185:	118:	9:	:	:	1:	1:	334	
Lexington, Ky.	:	:	11:	:	:	:	:	:	:	11	
Los Angeles, Calif.	:	30:	:	:	36:	:	:	:	:	66	
Louisville, Ky.	:	:	98:	1:	:	:	:	:	:	99	
Memphis, Tenn.	:	9:	99:	8:	2:	:	:	1:	1:	118	
Milwaukee, Wis.	:	6:	148:	74:	:	:	:	1:	1:	228	
Minneapolis, Minn.	:	10:	169:	62:	20:	:	:	1:	1:	261	
Nashville, Tenn.	:	2:	69:	:	:	:	:	:	:	71	
Newark, N. J.	:	:	77:	:	:	:	:	:	:	77	
New Haven, Conn.	:	:	47:	:	:	:	:	:	:	47	
New Orleans, La.	:	2:	159:	:	:	:	:	5:	5:	166	
New York City, N. Y.	:	96:	4,861:	11:	1:	881:	131:	131:	131:	5,981	
Norfolk, Va.	:	:	42:	:	:	:	:	:	:	42	
Oklahoma City, Okla.	:	17:	32:	18:	10:	:	:	:	:	77	
Omaha, Nebr.	:	27:	57:	39:	19:	:	:	:	:	142	
Peoria, Ill.	:	:	36:	9:	:	:	:	:	:	45	
Philadelphia, Pa.	:	11:	1,335:	8:	:	33:	:	5:	5:	1,387	
Pittsburgh, Pa.	:	6:	407:	15:	5:	4:	4:	5:	5:	442	
Portland, Me.	:	6:	32:	3:	3:	:	:	:	:	44	
Portland, Ore.	:	147:	54:	:	5:	:	:	:	:	206	
Providence, R. I.	:	:	103:	:	:	:	:	:	:	103	

Footnote at end of table.

Continued

UNITED STATES: Car-lot and boat unloads of grapefruit in 66 markets
by States of origin, September 1, 1933 - August 31, 1934 - Continued

Markets	California	Florida	Texas	Arizona	Puerto Rico	Foreign 1/	Total
	Cars	Cars	Cars	Cars	Cars	Cars	Cars
Richmond, Va.			60				
Rochester, N. Y.	3	137	3				60
St. Louis, Mo.	23	257	164	51	2	4	143
St. Paul, Minn.	4	64	29	17			501
Salt Lake City, Utah	17	10	10	5			114
San Antonio, Texas	1	4					42
San Francisco, Calif.	188						5
Seattle, Wash.	186	60		104			292
Shreveport, La.	1	10	1			1	257
Sioux City, Iowa	3	31	13	10			12
Spokane, Wash.	19	19					57
Springfield, Mass.	1	79					38
Syracuse, N. Y.	2	88	1	1			80
Tampa, Fla.		2					92
Terre Haute, Ind.		4					2
Toledo, Ohio	1	65		22			5
Washington, D. C.	6	168	18				88
Worcester, Mass.		3					192
Youngstown, Ohio		49					3
							49
Total	1,060	13,871	1,318	451	929	181	17,810

Compiled by the Division of Fruit and Vegetables.

1/ All Cuba, except one car from British West Indies unloaded in New York City.

UNITED STATES: Car-lot and boat unloads of grapefruit in 66 markets
by States of origin, September 1, 1934 - August 31, 1935

Markets	California	Florida	Texas	Arizona	Puerto Rico	Cuba	Total
	Cars	Cars	Cars	Cars	Cars	Cars	Cars
Akron, Ohio	1	18	1				20
Albany, N. Y.	5	5					10
Atlanta, Ga.		20					21
Baltimore, Md.	1	442	1			1	448
Birmingham, Ala.		26	1				27
Boston, Mass.	45	1,045	9		6	26	1,131
Bridgeport, Conn.		52					52
Buffalo, N. Y.	2	313	34			2	351
Chicago, Ill.	44	1,146	826	3		16	2,035
Cincinnati, Ohio	4	531	50			9	594
Cleveland, Ohio	5	562	108			5	680
Columbus, Ohio		157	9				166
Dallas, Texas	1	32	58				91
Dayton, Ohio		8	4				12
Denver, Colo.	28	87	160	3			278
Des Moines, Iowa	7	43	67	2			119
Detroit, Mich.	14	631	190			5	840
Duluth, Minn.		22	31	1			54
El Paso, Texas	10		16	1			27
Evansville, Ind.	1	10	4				15
Ft. Worth, Texas		11	35				46
Grand Rapids, Mich.	4	89	52				145
Hartford, Conn.	2	164				2	168
Houston, Texas	4	3	30				37
Indianapolis, Ind.		99	93	2			194
Jacksonville, Fla.		5					5
Kansas City, Mo.	10	174	224			3	411
Lexington, Ky.		19					19
Los Angeles, Calif.	3			62			65
Louisville, Ky.	1	118	1				120
Memphis, Tenn.	4	83	18			3	108
Milwaukee, Wis.	3	126	173	1			303
Minneapolis, Minn.	2	166	197			2	367
Nashville, Tenn.		78		1			79
Newark, N. J.		79					79
New Haven, Conn.		76					76
New Orleans, La.	1	163				10	174
New York, N. Y.	44	6,069	28		525	172	6,838
Norfolk, Va.		44			2		46
Oklahoma City, Okla.	5	42	21				68
Omaha, Nebr.	16	62	88				166
Peoria, Ill.		37	19				56
Philadelphia, Pa.	8	1,509	2		6	6	1,531
Pittsburgh, Pa.	4	533	18			11	566
Portland, Me.		32	14				46
Portland, Ore.	85	37	1	172			295
Providence, R. I.		140					140

UNITED STATES: Car-lot and boat unloads of grapefruit in 66 markets
by States of origin, September 1, 1934 - August 31, 1935 - Continued

Markets	California	Florida	Texas	Arizona	Puerto Rico	Cuba	Total
	Cars	Cars	Cars	Cars	Cars	Cars	Cars
Richmond, Va.	:	:	79:	:	:	:	79
Rochester, N. Y.	:	4:	134:	8:	:	:	146
St. Louis, Mo.	:	11:	196:	400:	2:	:	619
St. Paul, Minn.	:	:	53:	81:	:	:	134
Salt Lake City, Utah	:	23:	22:	2:	33:	:	80
San Francisco, Calif.	:	174:	:	:	111:	:	285
San Antonio, Texas	:	:	6:	7:	:	:	13
Seattle, Wash.	:	134:	38:	3:	148:	:	323
Shreveport, La.	:	:	1:	7:	:	:	8
Sioux City, Iowa	:	7:	36:	49:	:	:	92
Spokane, Wash.	:	23:	12:	1:	2:	:	38
Springfield, Mass.	:	:	119:	:	:	:	119
Syracuse, N. Y.	:	2:	79:	2:	:	:	83
Tampa, Fla.	:	:	:	:	:	:	
Terre Haute, Ind.	:	:	7:	2:	:	:	9
Toledo, Ohio	:	1:	85:	8:	20:	:	114
Washington, D. C.	:	4:	166:	13:	:	:	183
Worcester, Mass.	:	:	3:	:	:	:	5
Youngstown, Ohio	:	:	43:	5:	:	:	48
	:	:	:	:	:	:	
Total	747:	16,187:	3,171:	564:	541:	285:	21,495
	:	:	:	:	:	:	

Compiled by the Division of Fruits and Vegetables.

UNITED STATES: Car-lot and boat unloads of grapefruit by months and States or Countries of origin at New York City, September to August, 1932-33, 1933-34, and 1934-35

State or Country of origin :	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Total
	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
<u>1932-33</u>													
Florida	4:	173:	432:	524:	583:	560:	738:	649:	782:	461:	319:	111:	5,336
Texas	--:	--:	2:	12:	6:	1:	--:	--:	--:	--:	--:	--:	21
California	1:	--:	--:	--:	--:	--:	--:	--:	--:	--:	--:	--:	1
Arizona	--:	--:	--:	1:	--:	--:	--:	--:	--:	--:	--:	--:	1
Puerto Rico	178:	139:	20:	3:	--:	3:	1:	--:	1:	--:	--:	17:	362
Cuba	65:	59:	3:	1:	--:	--:	--:	1:	--:	--:	--:	15:	144
Total	248:	371:	457:	541:	589:	564:	739:	650:	783:	461:	319:	143:	5,865
<u>1933-34</u>													
Florida	108:	374:	634:	536:	656:	565:	693:	672:	531:	87:	4:	1:	4,861
Texas	3:	2:	--:	3:	2:	1:	--:	--:	--:	--:	--:	--:	11
California	--:	--:	1:	1:	--:	--:	1:	--:	--:	1:	56:	36:	96
Arizona	--:	--:	--:	--:	--:	--:	--:	--:	--:	1:	--:	--:	1
Puerto Rico	196:	104:	28:	26:	43:	18:	42:	81:	206:	68:	46:	23:	881
Cuba	65:	4:	--:	1:	--:	--:	--:	--:	--:	--:	1:	60:	130
British W. Indies	1:	--:	--:	--:	--:	--:	--:	--:	--:	--:	--:	--:	1
Total	373:	484:	663:	566:	701:	584:	736:	753:	737:	157:	107:	120:	5,981
<u>1934-35 1/</u>													
California	4:	1:	1:	--:	--:	--:	--:	--:	--:	2:	17:	19:	44
Florida	39:	569:	674:	680:	755:	645:	696:	779:	650:	465:	113:	4:	6,069
Texas	--:	1:	8:	5:	9:	3:	2:	--:	--:	--:	--:	--:	28
Cuba	149:	9:	--:	--:	--:	--:	--:	--:	--:	--:	--:	14:	172
Puerto Rico	103:	97:	9:	5:	5:	2:	4:	47:	23:	52:	112:	68:	525
Total	295:	677:	692:	690:	767:	650:	702:	826:	673:	519:	242:	105:	6,838

Compiled by the Division of Fruits and Vegetables.

1/ Preliminary.

UNITED STATES: Car-lot and boat unloads of grapefruit by months and
 States or Countries of origin at Chicago, September to August,
 1932-33, 1933-34, and 1934-35:

State or Country of origin :	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Total
	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
<u>1932-33</u>													
Florida	2:	58:	74:	64:	149:	107:	213:	172:	163:	119:	43:	25:	1,189
Texas	--:	57:	133:	102:	103:	73:	25:	--:	--:	--:	--:	--:	493
California	1:	3:	4:	3:	1:	--:	--:	--:	--:	1:	--:	3:	16
Arizona	4:	--:	--:	5:	2:	--:	1:	--:	--:	--:	--:	--:	8
Cuba	26:	2:	--:	--:	--:	--:	--:	--:	--:	--:	--:	1:	29
Total	29:	120:	211:	174:	255:	180:	239:	172:	163:	120:	43:	29:	1,735
<u>1933-34</u>													
Florida	33:	178:	182:	110:	78:	156:	142:	142:	99:	23:	1:	--:	1,144
Texas	21:	17:	18:	70:	119:	46:	49:	12:	--:	--:	--:	--:	352
California	--:	--:	4:	3:	3:	2:	--:	1:	1:	8:	21:	11:	54
Arizona	--:	--:	--:	--:	3:	5:	4:	6:	9:	2:	1:	--:	30
Cuba	1:	--:	--:	--:	--:	--:	--:	--:	--:	--:	--:	6:	7
Total	55:	195:	204:	183:	203:	209:	195:	161:	109:	33:	23:	17:	1,587
<u>1934-35 1/</u>													
Arizona	--:	--:	--:	--:	--:	--:	--:	--:	3:	--:	--:	--:	3
California	7:	--:	1:	--:	2:	--:	--:	--:	--:	3:	21:	10:	44
Florida	41:	132:	167:	72:	78:	30:	79:	225:	211:	96:	15:	--:	1,146
Texas	--:	42:	73:	99:	173:	211:	193:	35:	--:	--:	--:	--:	826
Cuba	14:	--:	--:	--:	--:	--:	--:	--:	--:	--:	--:	2:	16
Total	62:	174:	241:	171:	253:	241:	272:	263:	211:	99:	36:	12:	2,035

Compiled by Division of Fruits and Vegetables.

1/ Preliminary.

UNITED STATES: Grapefruit exports by countries, 1928-29 to 1934-35,
September - August

Country	Average:									
	1928-29	1929-30	1930-31	1926-27	1931-32	1932-33	1933-34	1934-35		
	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	boxes	boxes	boxes	boxes	boxes	boxes	boxes	boxes	boxes	boxes
United Kingdom	582.8	460.7	845.4	522.8	629.7	520.8	555.4	461.3		
Germany.....	8.8	8.6	28.4	12.0	8.5	4.1	7.5	1.8		
France.....	3.8	4.5	7.7	4.7	6.2	10.8	18.7	22.7		
Netherlands.....	3.1	1.7	5.0	2.6	2.3	1.6	2.0	22.6		
Sweden.....	1.4	2.1	7.1	2.7	3.4	.7	1.6	.8		
Norway.....	.4	1.1	.8	1.1	1.1	3.2	2.7	4.4		
Denmark.....	1.1	1.2	1.6	.9	2.1	.7	1.7	.2		
Belgium.....	.4	.1	1.3	.4	1.2	1.0	8.7	6.6		
Other Europe.....	.1	.2	.1	.2	.1	.1	7.2	1.4		
Total Europe.....	601.9	480.2	897.4	547.4	654.6	543.0	605.5	521.8		
Canada.....	340.7	298.8	433.0	325.4	441.3	340.1	362.9	463.2		
Newfoundland & Labrador.....	2.4	2.7	3.3	2.7	2.7	2.3	2.7	4.1		
Argentina.....	1.5	2.2	2.6	1.6	.8	.7	1.0	.9		
Venezuela.....	2.6	3.0	1.5	2.4	.4	.3	.3	.1		
British Malay....	2.0	3.0	2.9	2.3	2.4	1.7	3.0	3.7		
China.....	2.2	1.5	1.5	1.7	2.4	3.3	3.5	2.9		
Hong Kong.....	.5	.5	.7	.5	.8	1.0	1.9	1.9		
Kwantung.....	0	0	.1	1/	.1	.1	1/	.1		
Japan.....	.8	.9	1.2	.8	1.0	.8	.7	.9		
New Zealand.....	3.8	4.0	3.6	3.8	2.5	2.8	3.4	4.9		
Australia.....	1.5	3.2	1.2	1.9	.6	.7	2.0	4.1		
Philippines.....	2.2	1.7	2.9	1.9	3.1	2.6	3.1	4.4		
Others.....	6.6	7.3	8.8	6.8	6.8	5.3	10.0	8.6		
Total.....	365.8	328.8	463.3	351.8	464.9	361.7	394.5	499.8		
Grand total.....	968.7	809.0	1,360.7	899.2	1,119.5	904.7	1,000.0	1,021.5		
September.....	10.1	10.8	42.9	25.0	45.1	66.7	41.6	20.5		
October.....	27.5	70.1	55.3	49.7	41.3	33.3	77.0	71.5		
November.....	87.8	65.8	103.7	74.6	103.5	39.4	60.1	59.5		
December.....	80.0	66.2	90.9	68.2	83.2	36.2	59.9	46.1		
January.....	85.0	97.0	114.9	81.1	81.6	70.6	54.3	52.7		
February.....	118.0	104.9	89.8	86.0	131.6	61.2	81.6	67.5		
March.....	122.7	99.6	151.3	107.9	137.6	77.3	123.2	110.0		
April.....	106.3	65.2	166.6	100.2	122.9	135.0	108.5	83.4		
May.....	119.4	78.1	165.8	103.6	151.5	198.2	120.6	105.1		
June.....	104.5	88.8	178.9	99.7	102.8	65.8	98.5	183.2		
July.....	80.6	39.2	145.5	71.0	78.2	78.4	91.5	147.3		
August.....	26.8	23.3	55.1	32.2	40.2	42.6	83.2	64.7		
Total.....	968.7	809.0	1,360.7	899.2	1,119.5	904.7	1,000.0	1,021.6		

: 1,000 : 1,000 : 1,000 : 1,000 : 1,000 : 1,000 : 1,000 : 1,000
 : dollars : dollars : dollars : dollars : dollars : dollars : dollars

Total value..... \$3,677.8 : \$3,425.4 : \$4,299.7 : \$3,435.9 : \$2,699.8 : \$2,013.5 : \$2,354.0 : \$2,206.0

Unit value..... \$3.80 : \$4.23 : \$3.16 : \$3.82 : \$2.41 : \$2.23 : \$2.35 : \$2.10

Compiled by the Foreign Agricultural Service from the official records of the Bureau of Foreign and Domestic Commerce.

1/ Less than 50 boxes.

UNITED STATES: Grapefruit exports to principal countries, 1926-27 to 1934-35

Season and month	United Kingdom	Continental Europe	Canada	Other countries	Total
	Boxes	Boxes	Boxes	Boxes	Boxes
1926-27.....	310,315	17,686	276,059	21,383	625,443
1927-28.....	415,741	14,431	278,535	23,985	731,992
1928-29.....	582,782	19,152	340,681	26,114	968,729
1929-30.....	460,733	19,448	298,755	30,057	808,993
1930-31.....	845,367	52,054	432,963	30,266	1,360,650
Average....	522,848	24,554	325,398	26,361	899,161
1931-32.....	629,722	24,907	441,299	23,561	1,119,489
1932-33.....	520,758	22,238	340,112	21,610	904,718
1933-34.....	555,424	50,092	362,948	31,493	999,957
1934-35.....	461,342	60,487	463,241	36,512	1,021,582
1935-36.....					
Average....					
<u>1932-33</u>					
September....	51,515	1,354	12,315	1,516	66,700
October.....	20,033	1,026	10,706	1,504	33,269
November....	11,299	1,895	24,423	1,738	39,355
December....	11,606	1,161	21,746	1,695	36,208
January.....	33,149	922	35,139	1,395	70,605
February....	27,448	927	31,563	1,270	61,208
March.....	31,023	1,485	43,108	1,654	77,270
April.....	90,868	1,432	40,580	2,154	135,034
May.....	152,583	5,335	38,347	1,936	198,201
June.....	25,079	3,237	35,390	2,111	65,817
July.....	41,663	2,229	31,769	2,765	78,426
August....	24,492	1,235	15,026	1,872	42,625
Total 1932-33:	520,758	22,238	340,112	21,610	904,718
<u>1933-34</u>					
September....	26,258	864	12,655	1,851	41,628
October.....	49,371	3,050	22,679	1,873	76,973
November....	26,317	3,360	27,736	2,622	60,035
December....	26,245	2,889	27,535	3,256	59,925
January.....	13,596	897	37,898	1,916	54,307
February....	43,971	1,630	33,910	2,064	81,575
March.....	75,392	1,318	43,954	2,547	123,211
April.....	58,389	5,337	40,932	3,782	108,440
May.....	62,863	10,831	44,457	2,454	120,605
June.....	56,616	7,355	32,051	2,481	98,503
July.....	57,513	10,682	20,673	2,666	91,534
August....	58,893	1,879	18,468	3,981	83,221
Total 1933-34:	555,424	50,092	362,948	31,493	999,957
<u>1934-35</u>					
September....	4,765	738	12,617	2,509	20,629
October.....	39,506	2,577	27,137	2,362	71,582
November....	19,352	2,919	33,755	3,522	59,548
December....	4,139	1,884	36,993	3,082	46,098
January.....	16,567	2,647	40,138	3,383	62,735
February....	25,146	1,337	38,502	2,322	67,307
March.....	43,045	3,010	60,038	3,936	110,029
April.....	22,048	3,644	54,341	3,372	83,405
May.....	53,936	5,429	42,602	3,113	105,080
June.....	101,755	21,498	57,369	2,574	183,196
July.....	96,341	12,020	35,594	3,378	147,333
August....	34,742	2,784	24,155	2,959	64,640
Total 1934-35	461,342	60,487	463,241	36,512	1,021,582

Compiled by the Foreign Agricultural Service from official sources.

UNITED STATES: Exports of grapefruit through principal customs districts, by marketing years, 1926-27 to 1934-35

Year	New York	Florida	Los Angeles	Fuerto Rico	Buffalo	Michigan	Washington	Francklin	Others	Total
month				1/	Lawrence	Dakota	ington	cisco		
	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000
	: boxes	: boxes	: boxes	: boxes	: boxes	: boxes	: boxes	: boxes	: boxes	: boxes
1926-27:	264	2/	74	1	3/	3/	3/	3/	3/	625
1927-28:	236	36	158	1	3/	3/	3/	3/	3/	732
1928-29:	213	232	170	2/	155	119	30	12	38	969
1929-30:	251	57	136	59	128	101	32	11	34	809
1930-31:	433	229	161	121	184	154	27	10	42	1,361
Average:	280	111	140	36	3/	3/	3/	3/	3/	899
1931-32:	121	246	265	49	62	276	19	21	60	1,119
1932-33:	137	209	220	16	52	199	16	12	44	905
1933-34:	162	69	384	48	61	215	23	10	29	1,000
1934-35:	159	76	352	0	58	274	29	10	64	1,022
1935-36:	:	:	:	:	:	:	:	:	:	:
Average:	:	:	:	:	:	:	:	:	:	:
<u>1933-34:</u>	:	:	:	:	:	:	:	:	:	:
Sept....:	27	2/	4	2/	3	4	1	1	2	42
Oct....:	37	2/	2	16	7	14	1	2/	0	77
Nov....:	21	4	4	5	5	17	1	1	2	60
Dec....:	11	17	6	1	5	16	1	2/	3	60
Jan....:	10	5	2	2/	11	22	1	2/	3	54
Feb....:	21	22	8	2/	5	20	2	2/	4	82
Mar....:	7	20	41	9	6	31	1	5	3	123
Apr....:	5	2/	58	6	9	23	2	2	3	108
May....:	10	1	68	11	8	17	1	1	4	121
June....:	10	2/	56	2/	2	24	5	2/	1	98
July....:	2	2/	69	2/	2/	13	6	2/	2	92
Aug....:	1	2/	66	2/	2/	14	1	2/	2	83
Total...:	162	69	384	43	61	215	23	10	29	1,000
<u>1934-35:</u>	:	:	:	:	:	:	:	:	:	:
Sept. :	2	2/	11	2/	2/	5	2/	2/	3	21
Oct....:	23	19	3	2/	5	16	1	2/	5	72
Nov....:	11	12	3	2/	4	21	2	2	5	60
Dec....:	5	2/	8	2/	3	24	1	1	4	46
Jan....:	15	1	8	2/	4	29	1	1	4	63
Feb....:	11	14	6	2/	2	29	1	1	3	67
Mar....:	7	29	21	2/	7	32	2	2	10	110
Apr....:	8	1	19	0	8	35	1	2	9	83
May....:	16	0	52	0	4	20	2	1	10	105
June....:	44	0	83	2/	18	22	6	2/	10	183
July....:	13	0	101	0	1	25	7	2/	0	147
Aug....:	4	0	37	0	2	16	5	2/	1	65
Total...:	159	76	352	0	58	274	29	10	64	1,022

Compiled by the Foreign Agricultural Service from official records of the Bureau of Foreign and Domestic Commerce.

1/ Direct shipments to foreign countries.

2/ Less than 500 boxes.

3/ Not available.

UNITED STATES: Imports of grapefruit by countries and ports of entry,
average 1926-27 to 1930-31, annual 1928-29 to 1933-34

Country and port	Year beginning July							
	Average:	1926-27:	1929-30:	1930-31:	1931-32:	1932-33:	1933-34:	1934-35:
Cuba	125,244:	140,335:	131,332:	130,169:	112,560:	32,677:	107,550	
Jamaica	1,112:	927:	775:	41:	0:	0:	0:	0
Haiti	0:	0:	0:	0:	2:	0:	0:	17
Dominican Republic:	0:	0:	0:	0:	0:	0:	0:	0
Bahamas	8:	0:	0:	0:	0:	0:	0:	0
Dominica, B.W.I. ..	0:	0:	1:	0:	0:	0:	0:	0
Total	126,364:	141,312:	132,108:	130,210:	112,562:	32,677:	107,567	
Port	:	:	:	:	:	:	:	
New York	76,298:	77,869:	97,171:	79,083:	62,066:	22,096:	73,253	
Chicago	21,133:	24,110:	8,568:	5,436:	0:	0:	0:	0
Cincinnati	11,920:	9,800:	11,130:	10,448:	0:	0:	0:	0
St. Louis	16,743:	29,364:	15,055:	6,846:	0:	0:	0:	0
Kansas City	0:	0:	0:	360:	0:	0:	0:	0
Boston	262:	162:	164:	73:	0:	9:	12	
Baltimore	2:	7:	0:	0:	0:	0:	0:	0
Philadelphia	6:	0:	20:	1:	0:	0:	0:	0
Key West	0:	0:	0:	22,677:	24,386:	5,438:	19,183	
New Orleans	0:	0:	0:	5,276:	26,108:	4,094:	15,119	
Tampa	0:	0:	0:	12:	2:	1,040:	0	
Total	126,364:	141,312:	132,108:	130,218:	112,562:	32,677:	107,567	

Compiled by the Foreign Agricultural Service from the annual reports of the Chief of the Bureau of Entomology and Plant Quarantine. Converted from pounds to boxes of 70 pounds.

UNITED STATES: Number of grapefruit trees by States,
1900, 1910, 1920 and 1930

State	1900		1910		1920		1930	
	Total	Total	Bearing	Total	Bearing	Total	Bearing	
	trees	trees	trees	trees	trees	trees	trees	
Florida	117:	1,256:	656:	2,644:	1,681:	4,534:	3,505	
Texas	1/	14:	5:	79:	5:	2,914:	715	
California	81:	69:	43:	313:	231:	1,115:	620	
Arizona	3:	3:	1:	32:	19:	672:	177	
Other states	2:	9:	5:	5:	2:	1:	1	
Total	203:	1,351:	710:	3,073:	1,938:	9,236:	5,108	

Compiled by the Foreign Agricultural Service from the reports of the Bureau of the Census.

1/ Less than 500 trees.

Puerto Rico: Direct shipments of fresh grapefruit to the United States and to foreign countries, and the approximate total production, average 1926-27 to 1930-31, annual 1926-27 to 1935-36.

Item	Year beginning July						Average:	1934-35	1935-36
	1926-27	1927-28	1928-29	1929-30	1930-31	1926-27 to 1931-32			
To United States	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
July	12.2	58.9	56.1	15.5	30.0	34.5	171.5	11.6	1.0
August	21.2	30.8	29.9	16.9	15.7	20.9	91.7	33.5	42.6
September	171.4	266.3	89.7	36.4	55.5	123.9	107.7	146.7	35.2
October	158.1	188.9	5.2	158.1	28.9	107.9	138.4	59.6	74.8
November	70.5	28.8	2.9	56.9	13.0	34.0	9.6	5.3	33.6
December	4.9	52.0	3.9	69.9	2.5	26.6	6.3	2.5	12.1
January	2.0	45.5	1.4	80.7	3.2	26.6	1.9	1.4	2.1
February	15.7	61.5	1.5	75.7	5.6	32.0	2.2	3.0	1.7
March	23.0	101.3	1.9	112.7	36.7	54.9	3.2	1.7	2.7
April	28.0	46.4	17.2	184.1	57.3	66.6	2.3	1.2	25.8
May	49.7	9.9	2.2	110.9	50.1	44.6	2.4	.7	26.7
June	135.3	1.6	6.4	70.5	129.9	68.7	12.8	.2	43.1
Total to U. S.	692.0	891.9	215.3	978.3	428.4	641.2	550.0	266.4	420.7
No foreign countries direct	1/	2/	1	59.0	92.4	30.4	75.7	17.5	48.0
Total fresh movement	692.0	892.2	215.4	1,037.3	520.8	671.6	625.7	283.9	468.7
Fresh fruit used for canning 3/	265.0	307.0	81.0	169.5	235.5	142.3	41.8	129.8	223.6
Puerto Rico consumption 4/	193.0	200.8	203.6	177.7	189.7	192.9	182.0	199.3	199.8
Approximate total production	1,150.0	1,400.0	500.0	1,570.0	880.0	1,100.0	950.0	525.0	800.0

Compiled by the Foreign Agricultural Service from official records of the Bureau of Foreign and Domestic Commerce. 1/ Not available. 2/ January to June 1928. 3/ Shipments to the United States and exports of canned fruit in terms of fresh fruit, estimated on the basis of one pound of canned fruit to two pounds of fresh fruit. Exports of canned fruit during the fiscal year are assumed to have been produced in that year. 4/ Rough estimate but carried out to hundreds in order to make total add up in round numbers. Estimated of grapefruit consumed in Puerto Rico range around 200,000 with some as high as 250,000 boxes. Other amounts were no doubt not marketed for one reason or another which would probably raise the totals somewhat.

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UNITED STATES: Imports of Cuban Grapefruit

Month	1928-29	1929-30	1930-31	1931-32	1932-33	1933-34	1934-35
	Cases 2/	Boxes 2/					
July.....	93	513	895	9	0	0	338
August.....	12,142	42,924	45,269	7,388	17,313	7,711	30,345
September..	22,648	44,684	69,712	83,410	52,236	22,490	78,118
October....	27,008	5,638	9,336	35,001	26,435	1,132	85
November...	2,773	1,251	139	239	3,078	571	26
December...	1,929	1,578	915	469	1,409	12	55
January....	3,880	1,464	462	4	0	2	0
February....	1,024	3,536	384	247	6	214	0
March.....	245	11,952	305	71	411	0	0
April.....	471	19,334	225	22	0	0	0
May.....	30	5,483	62	29	0	0	0
June.....	100	4,006	0	0	0	0	0
Total....	72,343	142,363	127,704	126,889	100,888	32,182	108,967

Compiled by the Foreign Agricultural Service from official sources.

UNITED STATES: Florida canned grapefruit packs, 1921-22 to 1934-35

Season	Grapefruit	Grapefruit	Total pack	Total in terms
	hearts	juice	Cases 1/	of fresh fruit
	Cases 1/	Cases 1/	Cases 1/	Boxes 2/
1921-22.....	10,000	-	10,000	10,000
1922-23.....	150,000	-	150,000	150,000
1923-24.....	200,000	-	200,000	200,000
1924-25.....	350,000	-	350,000	350,000
1925-26.....	400,000	-	400,000	400,000
Average.....	222,000	-	222,000	222,000
1926-27.....	700,000	-	700,000	700,000
1927-28.....	600,000	-	600,000	600,000
1928-29.....	957,000	202,000	1,159,000	1,159,000
1929-30.....	1,316,738	173,934	1,490,672	1,490,672
1930-31.....	2,724,489	412,066	3,136,555	3,136,555
Average.....	1,259,645	157,600	1,417,245	1,417,245
1931-32.....	907,323	247,652	1,154,975	932,864
1932-33.....	2,161,975	725,967	2,887,942	2,525,992
1933-34.....	2,184,577	610,115	2,794,692	2,369,058
1934-35.....	3,588,042	2,236,726	5,824,768	5,545,117
Average.....	;	;	;	;

Packs supplies by the Jacksonville office of the Bureau of Foreign and Domestic Commerce. Orange juice packs in 1931-32 was equal to 36,362 cases of 24 No.-2 cans; 1932-33, 64,319 cases; in 1933-34, 57,678 cases and in 1934-35 to 240,967 cases. A case is equal to about one field box of fresh fruit.

1/ Cases on basis of 24 No.-2 cans.

2/ It is assumed that 2 pounds of fresh fruit is equivalent to one of canned fruit or 35 pounds of canned fruit equals about 1 box or 70 pounds of fresh fruit, except in 1931-32, 1932-33 and 1933-34, when more accurate figures were available. In these years, 1 standard field box of fresh fruit averaged about 1-1/4 cases of hearts or 1 case of juice.

UNITED STATES: Exports of canned grapefruit by countries,
1931-32 to 1933-34

Country and month	Year beginning September			
	1931-32	1932-33	1933-34	1934-35
	Cases	Cases	Cases	Cases
United Kingdom.....	198,287	548,193	751,698	863,408
Irish Free State.....	543	1,918	2,059	2,272
Netherlands.....	109	1,094	1,421	631
Germany.....	85	68	297	147
Belgium.....	956	4	260	54
Sweden.....	14	62	11	83
Denmark.....	93	0	20	184
Norway.....	22	7	4	2
France.....	134	576	11	1
Other Europe.....	103	123	139	150
Total Europe.....	200,346	552,045	755,920	866,932
Canada.....	5,160	5,872	5,447	8,247
Newfoundland and Labrador..	139	294	321	490
Panama.....	309	486	367	448
Venezuela.....	134	82	87	142
British India.....	1,012	1,689	2,482	4,110
China.....	98	187	208	328
Hong Kong.....	28	44	62	120
Japan.....	124	101	98	101
Philippines.....	176	199	171	633
Other.....	489	693	1,507	1,843
Total.....	7,669	9,647	10,750	16,462
GRAND TOTAL.....	208,015	561,692	766,670	883,394
September.....	10,785	11,879	39,154	2,604
October.....	10,342	4,648	9,604	4,382
November.....	5,070	919	3,040	2,286
December.....	5,927	4,348	71,368	151,820
January.....	15,576	62,502	214,764	175,834
February.....	27,696	138,612	83,376	161,371
March.....	19,696	20,426	118,883	136,730
April.....	32,875	36,741	55,500	24,172
May.....	12,519	61,974	34,548	70,585
June.....	24,739	37,986	99,479	57,995
July.....	11,564	139,102	26,251	41,219
August.....	31,226	42,555	10,703	54,396
Total.....	208,015	561,692	766,670	883,394
Total value.....	\$494,588	\$1,040,430	\$1,474,190	\$1,814,456
Unit value.....	\$2.38	\$1.85	\$1.92	\$2.05

Compiled by the Foreign Agricultural Service from official records of the Bureau of Foreign and Domestic Commerce. Converted from pounds to cases at 35 pounds to the case of 24, No.-2 cans.

CANNED GRAPEFRUIT: Exports by customs districts November-October,
1931-32 to 1934-35

Month	Florida	Puerto Rico	New York	Philadelphia	Mobile	San Francisco	Others	Total
	Cases	Cases	Cases	Cases	Cases	Cases	Cases	Cases
1931-32	138,619	13,858	24,775	4,722	30	3,313	18,098	203,415
1932-33	539,927	3,886	12,766	14,588	7,121	3,901	11,733	593,922
1933-34	690,824	1,395	19,702	669	630	3,595	8,085	724,900
1934-35								
<u>1932-33</u>								
Nov.....	461	2	47	217	0	192	0	919
Dec.....	0	0	1,677	2,063	0	61	547	4,348
Jan.....	62,313	0	66	0	0	56	67	62,502
Feb.....	138,423	0	66	0	0	121	1	138,611
Mar.....	17,325	957	44	0	0	380	1,720	20,426
Apr.....	34,709	1,395	39	0	0	439	159	36,741
May.....	60,630	9	157	0	0	271	907	61,974
June....	34,183	0	2,185	0	0	237	1,381	37,986
July....	125,690	1,136	734	7,582	0	415	3,545	139,102
Aug....	30,337	0	3,418	1,202	7,121	231	246	42,555
Sept....	30,915	0	1,314	3,474	0	930	2,521	39,154
Oct....	4,941	387	3,019	50	0	568	639	9,604
Total.	539,927	3,886	12,766	14,588	7,121	3,901	11,733	593,922
<u>1933-34</u>								
Nov.....	862	0	920	669	0	344	245	3,040
Dec.....	70,968	0	85	0	0	315	0	71,368
Jan.....	212,690	10	545	0	0	242	1,277	214,764
Feb.....	77,332	0	3,773	0	63	196	2,013	83,377
Mar.....	114,690	0	2,196	0	0	219	1,778	118,883
Apr.....	52,592	1,324	777	0	0	425	383	55,501
May.....	32,784	0	532	0	0	222	1,010	34,548
June....	95,334	0	3,614	0	0	123	408	99,479
July....	21,876	0	3,670	0	0	189	516	26,251
Aug....	8,340	0	1,581	0	0	470	312	10,703
Sept....	871	0	1,159	0	144	380	50	2,604
Oct....	2,485	61	850	0	423	470	93	4,382
Total.	690,824	1,395	19,702	669	630	3,595	8,085	724,900
<u>1934-35</u>								
Nov.....	139	0	783	0	1,141	212	10	2,285
Dec.....	149,702	0	405	0	832	457	424	151,820
Jan.....	172,954	0	357	0	0	310	2,213	175,834
Feb.....	157,268	0	3,051	0	0	458	594	161,371
Mar.....	128,161	0	5,201	0	0	660	2,708	136,730
Apr.....	20,332	0	2,813	0	46	453	528	24,172
May.....	65,963	0	3,555	0	0	892	175	70,585
June....	53,217	9	4,038	0	0	430	301	57,995
July....	38,948	0	984	0	0	331	956	41,219
Aug....	51,760	0	1,048	0	0	277	1,311	54,396
Sept....	87,354	0	2,752	0	0	765	251	91,120
Oct....	25,089	0	193	0	0	496	389	26,167
Total.	950,887	9	25,180	0	2,019	5,739	9,360	953,694

Compiled by the Foreign Agricultural Service from the official records of the Bureau of Foreign and Domestic Commerce. Converted from net pounds to net cases at 35 pounds to the case of 24 No. 2 cans.

UNITED KINGDOM: Imports of grapefruit by seasons and countries,
October to September, 1929-30 to 1934-35

Season and month	United States	Puerto Rico	South Africa	British W. Indies	Palestine	Cuba	Others	Total
	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000	: 1,000
	: boxes	: boxes	: boxes	: boxes	: boxes	: boxes	: boxes	: boxes
<u>1929-30</u>	:	:	:	:	:	:	:	:
Winter season:	353	18	2	50	7	30	28	488
Summer season:	227	16	74	3: 1/	:	22	20	359
Total 1929-30:	580	34	76	53	7	52	48	847
<u>1930-31</u>	:	:	:	:	:	:	:	:
Winter season:	430	49	1	35	28	46	10	599
Summer season:	468	86	90	3: 1/	:	43	28	717
Total 1930-31:	898	135	91	38	28	89	38	1,316
<u>1931-32</u>	:	:	:	:	:	:	:	:
Winter season:	335	16	14	74	76	69	28	612
Summer season:	462	25	113	10	3	44	50	707
Total 1931-32:	797	41	127	84	79	113	78	1,319
<u>1932-33</u>	:	:	:	<u>Other Br.</u>	:	:	:	:
Winter season:	2/ 207	3/	7	347: 3/	: 3/	54	615	
Summer season:	354	3/	197	4: 3/	: 3/	76	631	
Total 1932-33:	2/ 561	3/	204	351: 3/	: 3/	130	1,246	
<u>1933-34</u>	:	:	:	:	:	:	:	:
Winter season:	266	3/	17	488: 3/	: 3/	107	878	
Summer season:	313	3/	238	46: 3/	: 3/	124	721	
Total 1933-34:	579	3/	255	534: 3/	: 3/	231	1,599	
<u>1934-35</u>	:	:	:	:	:	:	:	:
October.....:	45	3/	5	28: 3/	: 3/	9	87	
November.....:	49	3/	1/	70: 3/	: 3/	8	127	
December.....:	7	3/	0	84: 3/	: 3/	3	94	
January.....:	8	3/	0	124: 3/	: 3/	2	134	
February.....:	21	3/	0	172: 3/	: 3/	3	196	
March.....:	40	3/	0	176: 3/	: 3/	1	217	
April.....:	31	3/	1	136: 3/	: 3/	3	171	
Winter season:	201	3/	6	790: 3/	: 3/	29	1,026	
May.....:	48	3/	5	48: 3/	: 3/	47	148	
June.....:	116	3/	32	6: 3/	: 3/	48	202	
July.....:	97	3/	92	2: 3/	: 3/	19	210	
August.....:	47	3/	83: 1/	: 3/	: 3/	16	146	
September....:	41	3/	25	4: 3/	: 3/	13	83	
Summer season:	349	3/	237	60: 3/	: 3/	143	789	
Total 1934-35:	550	3/	243	850: 3/	: 3/	172	1,815	

Years 1929-30 to 1931-32 compiled by the Empire Marketing Board for the Foreign Agricultural Service; 1932-33 to date compiled by the Foreign Agricultural Service from Trade and Navigation of the United Kingdom.

1/ Less than 500 boxes.

2/ Includes Puerto Rico.

3/ Not separately reported. Boxes of 70 pounds.

CANADA: Imports of grapefruit by countries,
1926-27 to 1934-35, September to August

Market year	United States	Jamaica	Others	Total
	Boxes	Boxes	Boxes	Boxes
1926-27.....:	259,551	10,910	1,914	272,375
1927-28.....:	266,400	6,143	1,070	273,613
1928-29.....:	339,844	6,670	3,186	349,700
1929-30.....:	298,936	18,047	10,652	327,635
1930-31.....:	457,532	23,591	9,045	490,168
Average.....:	324,453	13,072	5,173	342,698
1931-32.....:	470,584	35,843	13,943	520,370
1932-33.....:	369,420	34,038	8,164	411,622
1933-34.....:	377,503	31,570	23,149	432,222
1934-35.....:	467,256	2/ 10,627	48,069	525,952
1935-36.....:				
Average.....:				
<u>1933-34</u>				
September.....:	13,235	16	1,163	14,414
October.....:	22,539	3,575	1,791	27,905
November.....:	33,185	10,968	2,363	46,516
December.....:	37,638	1,966	1,155	40,759
January.....:	38,590	1,686	5,160	45,436
February.....:	38,312	3,604	1,436	43,352
March.....:	54,564	2,174	3,197	59,935
April.....:	34,515	3,886	1,459	39,860
May.....:	37,097	3,231	793	41,121
June.....:	29,157	456	1,146	30,759
July.....:	22,154	0	539	22,693
August.....:	16,517	8	2,947	19,472
Total.....:	377,503	31,570	23,149	432,222
<u>1934-35</u>				
September.....:	13,269	466	5,468	19,203
October.....:	28,494	3,327	8,626	40,447
November.....:	31,065	734	6,840	38,639
December.....:	38,596	2,127	6,810	47,533
January.....:	55,239	824	6,140	62,203
February.....:	38,435	855	5,518	44,808
March.....:	69,521	840	3,243	73,604
April.....:	52,932	814	2,821	56,567
May.....:	44,749	577	1,906	47,232
June.....:	39,048	63	0	39,111
July.....:	35,226	0	0	35,226
August.....:	20,682	1/	697	21,379
Total.....:	467,256	2/ 10,627	48,069	525,952

Compiled by the Foreign Agricultural Service from quarterly reports of the Trade of Canada. Converted from pounds to boxes of 70 pounds.

1/ If any, included in "other countries".

2/ Eleven months, September-July.

